

529 Rec'd PCT/PTC 27 NOV 2000

FORM PTO-1390
(REV. 6-87)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER
1539-00**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)****09/701203**INTERNATIONAL APPLICATION NO.
PCT/EP99/03667INTERNATIONAL FILING DATE
27 May 1999 (27/05/99)PRIORITY DATE CLAIMED
27 May 1998 (27/05/98)

TITLE OF INVENTION

METHOD AND DEVICE FOR PROCESSING EXTREMELY SMALL SUBSTANCE QUANTITIES

APPLICANT(S) FOR DO/EO/US

Markus Kalkum, Martin Müller, Eckhard Nordhoff, Holger Eickhoff, Holger Rauth and Richard Reinhardt

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	27 - 20=	7	x \$18.00	\$ 126.00
	INDEPENDENT CLAIMS	2 - 3=	0	x \$80.00	
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$ 270.00
	BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$690.00				
	<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$710.00				
	<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,000.00				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4).....\$ 100.00				
	<input checked="" type="checkbox"/> International Search Report enclosed\$860.00				\$ 860.00
	Surcharge of \$_____ for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).				\$130.00
	TOTAL OF ABOVE CALCULATIONS				\$1,256.00
	Reduction by ½ for filing by small entity, if applicable. Affidavits must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)				
	SUBTOTAL				\$ 628.00
	Processing fee of \$_____ for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).				\$130.00
	TOTAL NATIONAL FEE				\$ 628.00
	Fee for recording the enclosed assignment (37 CFR 1.21(h)).				\$40.00 +
	TOTAL FEES ENCLOSED				\$ 628.00

- a. ☒ A check in the amount of \$628.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 13-3405 in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

09/701203

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))

- a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 c. ☐ has been transmitted by the International Bureau.

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4. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).

5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

- a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
 b. ☐ have been transmitted by the International Bureau.

6. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

7. ☐ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).

8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.

10. ☐ An Assignment document for recording and a Recordation Form Cover Sheet - Patents Only. Please mail the recorded assignment document to the person whose signature, name and address appears at the bottom of this page.

11. The above checked items are being transmitted

- a. ☐ before the 18th month publication.
 b. ☐ after publication and the Article 20 communication but before 20 months from the priority date.
 c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
 d. ☐ after 22 months (surcharge and/or processing fee included).

Note: Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

- e. ☒ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
 g. ☐ after 32 months (surcharge and/or processing fee included).

Note: Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

12. At the time of transmittal, the time limit for amending claims under Article 19

- a. ☐ has expired and no amendments were made.
 b. ☐ has not yet expired.

13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:

SCHNADER HARRISON SEGAL & LEWIS

Date: 27 Nov 2000

By: 

T. Daniel Christenbury, Reg. No. 31,750
 1600 Market Street, 36th Floor
 Philadelphia, PA 19103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

529 Rec'd PCT/PTC 27 NOV2000

Art Unit :
 Examiner :
 Serial No. :
 Filed : Herewith
 PCT No. : PCT/EP99/03667
 PCT Filed : May 27, 1999
 Inventors : Markus Kalkum

36th Floor
 1600 Market Street
 Philadelphia, PA 19103

Docket: 1539-00

: Martin Müller
 : Eckhard Nordhoff
 : Holger Eickhoff
 : Holger Rauth
 : Richard Reinhardt
 Title : METHOD AND DEVICE FOR
 : PROCESSING EXTREMELY
 : SMALL SUBSTANCE QUANTITIES

Dated: November 27, 2000


APPLICATION TRANSMITTAL LETTER**BOX PCT**

Assistant Commissioner for Patents
 Washington, DC 20231

Sir:

We submit herewith for filing in the U.S. Patent and Trademark Office, the German text of the above-identified PCT Application as it was filed with two (2) sheets of drawings, an English translation of the above-identified PCT Application as it was filed with two (2) sheets of drawings, an English translation of the Claims as amended, a copy of the Request (5 pages), copy of first page of WO 99/61881 and International Search Report, copy of the Request for International Preliminary Examination and the First Written Opinion, copy of the Response to the First Written Opinion, Form PTO-1390, in duplicate, and our check in the amount of \$628.00, comprising the official filing fee.

Respectfully submitted,


 T. Daniel Christenbury
 Reg. No. 31,750
 Attorney for Applicants

TDC:lh
 (215) 563-1810

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :
Examiner :
Serial No. :
Filed : Herewith
PCT No. : PCT/EP99/03667
PCT Filed : May 27, 1999
Inventors : Markus Kalkum
: Martin Müller
: Eckhard Nordhoff
: Holger Eickhoff
: Holger Rauth
: Richard Reinhardt
Title : METHOD AND DEVICE FOR
: PROCESSING EXTREMELY
: SMALL SUBSTANCE QUANTITIES

36529 Rec'd PCT/PTC 27 NOV 2000
1600 Market Street
Philadelphia, PA 19103

Docket: 1539-00

Dated: November 27, 2000

BOX PCT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

**37 CFR 1.10
EXPRESS MAIL CERTIFICATION**

"Express Mail" mailing label number: EL618699482US

Date of Deposit: November 27, 2000

DESCRIPTION OF CONTENTS: Postcard, \$628.00 Check, Application Transmittal Letter, Form PTO-1390, in duplicate, German text of PCT Application as it was filed with two (2) sheets of drawings, English translation of PCT Application as it was filed with two (2) sheets of drawings, English translation of the Claims as amended, copy of Request (5 Pages), copy of WO 99/61881 and International Search Report, copy of Request for International Preliminary Examiner and First Written Opinion and copy of Response to First Written Opinion.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box PCT, Assistant Commissioner for Patents, Washington, DC 20231.

Leslie Hood

(Typed or printed name of person mailing paper or fee)

Leslie Hood

(Signature of person mailing paper or fee)